

Title (en)

Metal free acid dyes, process for the production thereof and their use

Title (de)

Metallfreie Säurefarbstoffe, Verfahren für ihre Herstellung und ihre Verwendung

Title (fr)

Colorants d'acide dépourvus de métaux, procédé pour leur production et leur utilisation

Publication

EP 2868711 A1 20150506 (EN)

Application

EP 13190656 A 20131029

Priority

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Abstract (en)

Dyes of formula (1) their preparation and use.

IPC 8 full level

C09B 35/56 (2006.01); **C09D 11/00** (2014.01); **D21H 21/28** (2006.01)

CPC (source: EP)

C09B 35/56 (2013.01); **C09D 11/328** (2013.01); **D21H 21/28** (2013.01)

Citation (applicant)

- US 3959250 A 19760525 - HEINRICH ERNST, et al
- US 5468848 A 19951121 - HASSEN RUECK KARIN [DE], et al
- WO 2007045825 A2 20070426 - FUJIFILM IMAGING COLORANTS LTD [GB], et al
- US 5728874 A 19980317 - MULLINS MICHAEL J [US], et al
- DE 172106 C
- DE 2230392 A1 19740131 - CASSELLA FARBWERKE MAINKUR AG

Citation (search report)

- [A] EP 2457956 A1 20120530 - KEMIRA OYJ [FI]
- [AD] FR 2217384 A1 19740906 - CASSELLA FARBWERKE MAINKUR AG [DE]
- [A] JP H04212968 A 19920804 - FUJI ELECTRIC CO LTD
- [A] EP 0085465 A1 19830810 - MITA INDUSTRIAL CO LTD [JP]
- [AD] EP 0632104 A1 19950104 - BAYER AG [DE]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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